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NOV 17 2008

To:	COMMISSIONER FOR PATENTS
Fax:	571-273-8300
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Date:	NOVEMBER 17, 2008
RE:	REQUEST CONTINUED EXAMINATION

Our File Ref.: TEC-024170-US

Your File Ref.: 10/668,387

No. of Pages: (including this cover sheet)

<input type="checkbox"/> URGENT	<input type="checkbox"/> CONFIRMATION COPY FOLLOWS BY:	<input checked="" type="checkbox"/> NO COPY FOLLOWS
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In response to the Office Action dated 1/15/2008, please find the following checked items:

- ☒ Cover letter, 1 sheet(s);
- ☒ Petition for Extension of Time Under 37 C.F.R. 1.136(a), Form PTO/SB/22, and one (1) copy thereof attached thereto, 2 sheet(s);
- ☒ Fee Transmittal, Form PTO/SB/17, 1 sheet(s);
- ☒ Response to Office Action (including attachments, if any), 10 sheet(s) total;
- ☒ Request for Continued Examination Transmittal, Form PTO/SB/30, and one (1) copy thereof attached thereto, 2 sheet(s);
- ☐ Notice of Appeal to the Board of Patent Appeals, Form PTO/SB/31, and one (1) copy thereof attached thereto, sheet(s);
- ☐ Other:

Thank you.

[Signature]
The undersigned hereby certifies that a true and accurate copy of the items checked above has been transmitted to the Honorable Commissioner for Patents, by facsimile transmission to the facsimile number indicated above, on this the 17th day of NOVEMBER, 2008.

[Signature]
THOMAS W. BARNES, Jr.

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INTERNATIONAL  PAPERTHOMAS W. BARNES, Ph.D.
PATENT AGENT
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thomas.barnes@ipaper.comSENT ☐ BY FACSIMILE TO ()
☒ BY FIRST CLASS MAIL TO THE ADDRESS BELOW

November 17, 2008

Mail Stop
Commissioner for Patents
United States Patent and Trademark Office
Post Office Box 1450
Alexandria, Virginia 22313-1450

RE: SUBMISSION OF AFTER-FINAL RESPONSE TO OFFICE ACTION

Applicant(s) : TAN et al.
Serial No. : 10/668,387
Filed on : SEPTEMBER 23, 2003
Title : CHEMICAL ACTIVATION AND REFINING.....
Our Ref. : TEC-024170-US

Dear Commissioner:

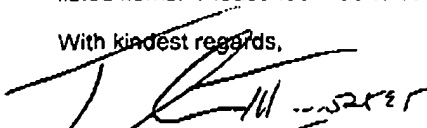
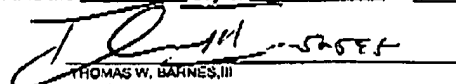
Enclosed herewith for filing, Applicant(s) respectfully submit(s) the following checked items:

- ☒ Petition for Extension of Time Under 37 C.F.R. 1.136(a), Form PTO/SB/22, and one (1) copy thereof attached thereto, 2 sheet(s);
- ☒ Fee Transmittal, Form PTO/SB/17, 1 sheet(s);
- ☒ Response to Office Action (including attachments, if any), 10 sheet(s) total;
- ☒ Request for Continued Examination Transmittal, Form PTO/SB/30, and one (1) copy thereof attached thereto, 2 sheet(s);
- ☐ Notice of Appeal to the Board of Patent Appeals, Form PTO/SB/31, and one (1) copy thereof attached thereto, _____ sheet(s);
- ☐ Other: _____

Postage-prepaid return-receipt postcard for your use in stamping to indicate receipt of the above-listed items.

Please stamp the enclosed postcard, if checked, and return same to me to indicate your receipt of the above-listed items. Please feel free to contact me if you have any questions concerning the above or the enclosed.

With kindest regards,


Thomas W. Barnes
Agent for Applicant(s)
Enclosure(s)
TWB/jat**Certification of Mailing or Transmission Under 37 C.F.R. 1.8**The undersigned hereby certifies that a true and accurate copy of the within "After-Final Response to Office Action", together with all attachments referred to herein, is being transmitted to the Honorable Commissioner for Patents, either by first-class mail, postage prepaid, addressed to Commissioner for Patents, Post Office Box 1450, Alexandria, Virginia 22313-1450, or by facsimile transmission to the facsimile number indicated hereon, on this the 17TH day of NOVEMBER, 20 08.
THOMAS W. BARNES, III

NOV 17 2008

PTO/SB/17 (10-08)

Approved for use through 08/30/2010, OMB 0551-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Effective on 12/08/2004.
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).**FEE TRANSMITTAL**
For FY 2009☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 810.00

Complete if Known

Application Number	10/668,387
Filing Date	SEPTEMBER 23, 2003
First Named Inventor	TAN, et al.
Examiner Name	JOSE A. FORTUNA
Art Unit	1791
Attorney Docket No.	TEC-024170-US

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____☒ Deposit Account Deposit Account Number: 09-0525 Deposit Account Name: International Paper Co.

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17☒ Credit any overpayments

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FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	330	165	540	270	220	110	
Design	220	110	100	50	140	70	
Plant	220	110	330	165	170	85	
Reissue	330	165	540	270	650	325	
Provisional	220	110	0	0	0	0	

2. EXCESS CLAIM FEES**Fee Description**

Each claim over 20 (including Reissues)

Fee (\$)	Small Entity Fee (\$)
52	26

Each independent claim over 3 (including Reissues)

220 110

Multiple dependent claims

390 195

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
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- 20 or HP = _____ x _____ = _____

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
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- 3 or HP = _____ x _____ = _____

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$270 (\$135 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
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- 100 = _____ / 50 = _____ (round up to a whole number) x _____ = _____

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Fees Paid (\$)

Other (e.g., late filing surcharge), REQUEST FOR CONTINUED EXAMINATION

810.00

SUBMITTED BY

Signature

Name (Print/Type) THOMAS W. BARNES, III

Registration No. 52,595
(Attorney/Agent)

Telephone 513/248-6736

Date NOVEMBER 17, 2008

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.